

## Lucite International Elvacite Â® 2013 Acrylic Resin

Category : Polymer , Thermoplastic , Acrylic (PMMA)

### Material Notes:

ElvaciteÂ® 2013 is a low molecular weight methyl methacrylate / n-butyl methacrylate copolymer. It is a fast " dissolving, low viscosity grade with quick solvent release for use in industrial lacquers, aerosols, inks, and coatings for plastics. ElvaciteÂ® 2013 is softer than the methyl methacrylate grades. Applications: aerosols, industrial lacquers, inks, coatings Information provided by Lucite International

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Lucite-International-Elvacite-2013-Acrylic-Resin.php](http://www.lookpolymers.com/polymer_Lucite-International-Elvacite-2013-Acrylic-Resin.php)

| Physical Properties   | Metric        | English       | Comments                                                                                            |
|-----------------------|---------------|---------------|-----------------------------------------------------------------------------------------------------|
| Specific Gravity      | 1.15 g/cc     | 1.15 g/cc     |                                                                                                     |
| Particle Size         | 160 - 200 Âµm | 160 - 200 Âµm |                                                                                                     |
| Viscosity Measurement | 0.156 - 0.174 | 0.156 - 0.174 | Inherent viscosity, 0.25 g polymer in 50 ml of methylene chloride; No. 50 Cannon-Fenske viscometer. |
| Molecular Weight      | 34000 g/mol   | 34000 g/mol   |                                                                                                     |

| Mechanical Properties | Metric   | English  | Comments       |
|-----------------------|----------|----------|----------------|
| Hardness, Knoop       | 13       | 13       | Tukon Hardness |
| Tensile Strength      | 11.0 MPa | 1600 psi |                |
| Elongation at Break   | 0.50 %   | 0.50 %   |                |

| Thermal Properties        | Metric   | English | Comments |
|---------------------------|----------|---------|----------|
| Glass Transition Temp, Tg | 76.0 Â°C | 169 Â°F |          |

| Chemical Properties | Metric | English | Comments |
|---------------------|--------|---------|----------|
| Total Acid Number   | 5.0    | 5.0     |          |

| Processing Properties | Metric | English | Comments |
|-----------------------|--------|---------|----------|
| Moisture Content      | 0.35 % | 0.35 %  |          |

## Contact Songhan Plastic Technology Co.,Ltd.

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